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	011	Dise several sheets	s if necessary)		Seong Min Seo, Young Suk Chung, Jo Sik Paek, Jae Hun Ku, Jae Hak Yee				
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Examiner nitial	RAD	ocument Number	Date	Name	Class	Subclass	Filing I		
	AA	6,229,200	5/8/01	Mclellan, et al.	257	666	Пирри	priac	
	AB	4.812,896	3/14/89	Rothgery, et al.	357	70			
	AC	5,157,480	10/20/92	McShane, et al.	357	. 74	<u> </u>		
	AD	5,200,362	4/6/93	Lin, et al.	437	207			
	AE	5,200,809	4/6/93	Kwon	257	707			
	AF	5,214,845	6/1/93	King, et al.	29	841	<u> </u>		
	AG	5,216,278	6/1/93	Lin, et al.	257	688			
	AH	5,221,642	6/22/93	Burns	437	207			
	AI	5,273,938	12/28/93	Lin, et al.	437	207			
	AJ	5,277,972	1/11/94	Sakumoto, et al.	428	355			
	AK	5,279,029	1/18/94	Burns	29	856		_ 	
	AL	5,332,864	7/26/94	Liang, et al.	174	52.4			
	AM	5,343,076	8/30/94	Katayama, et al.	257	717			
The D	AN	5,406,124	4/11/95	Morita, et al.	257	783			
	AO	5,424,576	6/13/95	Djennas, et al.	257	666			
	<u> </u>	3,12,1,070		n Patent Documents					
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	1	Document	 Date	Country	Class	Subclass	Yes	N	
\mathcal{M}	AP	57-45959	3/16/82	Japan	H01L	23/28		3	
	AQ	w/Eng. Abstract 62-9639	1/17/87	Japan	H01L	21/56	X		
A A A	AR	61-39555	2/25/86	Japan	H01L	23/36		X	
	AS	w/Eng. Abstract 63-205935	8/25/88	Japan	H01L	23/28		X	
	AT	w/Eng. Abstract 63-233555	9/29/88	Japan	HOIL	23/30		_X	
18	AU	w/Eng. Abstract 7-312405	11/28/95		H01L	23/50	X	+-	
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		Use several sheet	ts if necessary)		Seong Min Seo, Young Suk Chung, Jong Sik Paek, Jae Hun Ku, Jae Hak Yee				
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nitial		Number	Date	Name	Class	Subclass	If Appro	priate	
+50	AA	5,604,376	2/18/97	Hamburgen, et al.	257	676	<u> </u>	<u> </u>	
H	AB	5,608,267	3/4/97	Makulikar, et al.	257	796			
18	AC.	5,639,990	6/17/97	Nishihara, et al.	174	52.2			
	AD	5,640,047	6/17/97	Nakashima	257	738	<u> </u>		
	. AE	5,641,997	6/24/97	Ohta, et al.	257	788			
\mathcal{B}	AF	5,646,831	7/8/97	Manteghi	361	813			
R 5	AG	5,650,663	7/22/97	Parthasarathi	257	706			
B	AH	5,683,806	11/4/97	Sakumoto, et al.	428	343			
B	AI	5,696,666	12/9/97	Miles, et al.	361	764			
ZV	AJ	5,701,034	12/23/97	Marrs	257	706	<u> </u>		
12	AK	5,710,064	1/20/98	Song, et al.	437	220		- · · · · · · · · · · · · · · · · · · ·	
	AL	5,894,108	4/13/99	Mostafazadeh, et al.	174	52.4			
	AM	6,001,671	12/14/99	Fjelstad	438	112		-	
00	AN	6,130,473	10/10/00	Mostafazadeh, et al.	257	666			
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	AP	8-125066	5/17/96	Japan	H01L	23/12	X	+-	
	AQ	8-306853	11/22/96	Japan	H01L	23/50	X		
	AR	9-8205	1/10/97	Japan	H01L	23/50	X	1	
	AS	9-8206	1/10/97	Japan	H01L	23/50	X		
	AT	9-8207	1/10/97	Japan	H01L	23/50	X		
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	AA	5,521,429	5/28/96	Aono, et al.	257	676		
(10)	AB	5,981,314	11/9/99	Glenn, et al.	438	127		
100	AC	6,143,981	11/7/00	Glenn	174	52.4		
O	AD	5,336,931	8/9/94	Juskey, et al.	257	787		
B	AE	5,977,613	11/2/99	Takata, et al.	257	666		
	AF	5,776,798	7/7/98	Quan, et al.	438	112	· - · · · · · · · · · · · · · · · · · ·	
16	AG	3,833,984	10/1/74	Crane, et al.	29	193.5		
M	AH	4,530,152	7/23/85	Roche, et al.	29	588		
120	AI	5,041,902	8/20/91	McShane	357	79		
	AJ	5,172,213	12/15/92	Zimmerman	257	796		
	AK	5,172,214	12/15/92	Casto	257	676	,	
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~		Document	Date	Country	Class	Subclass	Yes	N
0	AL	9-92775	4/4/97	Japan	H01L	23/50	X	
16	AM	55-163868 w/Eng. Abstract	12/20/80	Japan	H01L	23/48		X
	AN	60-195957 w/Eng. Abstract	10/4/85	Japan	H01L	23/48		X
	AO	DE 197 34 794	8/11/97	Germany	H01L	23/50		X
16	AP	6-92076 w/Eng. Abstract	4/5/94	Japan	H01L	23/00		Х
Ø.	AQ	59-227143 w/Eng. Abstract	12/20/84	Japan	H01L	23/12		X
		OTHER A	RT (Including A	Author, Title, Date, Pert	inent Pages, Et	c.)		
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*	AA	5,258,094	11/2/93	Furui, et al.	156	634		
100	AB	5,278,446	1/11/94	Nagaraj, et al.	257	707		
(Da	AC	5,435,057	7/25/95	Bindra, et al.	29	830		
16	AD	5,783,861	7/21/98	Son	253	693		
	AE	5,835,988	11/10/98	Ishii	257	684		
HS	AF	5,859,471	1/12/99	Kuraishi, et al.	257	666		
16	AG	5,866,939	2/2/99	Shin, et al.	257	666		
100	AH	5,877,043	3/2/99	Alcoe, et al.	438	123		
	AI	5,977,630	11/2/99	Woodworth, et al.	257	712		
	AJ	4,707,724	11/17/87	Suzuki, et al.	357	71		
	AK	4,756,080	7/12/88	Throp, Jr., et al.	29	827		
K.	AL	5,273,938	12/28/93	Lin, et al.	437	207		<u>.</u>
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<u> </u>		Document	Date	Country	Class	Subclass	Yes	N
(6)	AM	794 572 A2	9/10/97	EPO	H01L	23/495	X	
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	AA	6,005,778	12/21/99	Spielberger, et al.	361	770		
	AB	5,229,647	7/20/93	Gnadinger	257	785		
	AC	3,851,221	11/26/74	Beaulieu, et al.	317	100		•
2	AD	4,730,232	3/8/88	Lindberg	361	381		
20	AE	4,763,188	8/9/88	Johnson	357	74		
	AF	4,982,265	1/1/91	Watanabe, et al.	357	75		
2	AG	5,025,306	6/18/91	Johnson, et al.	357	75		
5	AH	5,040,052	8/13/91	McDavid	357	80		
25	AI	5,140,404	8/18/92	Fogal, et al.	357	70		
	AJ	5,291,061	3/1/94	Ball	257	686		
(b)	AK	5,323,060	6/21/94	Fogal, et al	257	777		
			Foreign	n Patent Documents	<u> </u>			
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<i>∞</i>		Document	Date	Country	Class	Subclass	Yes	N
	AL	62-126661 Eng. Abs.	6/8/87	Japan	H01L	25/04		
16	AM	4-56262 Eng. Abs.	2/24/92	Japan	H01L	25/65		
	AN	63-244654 Eng. Abs.	10/12/88	Japan	H01L	23/28		
100	AO	5136323 Eng. Abs.	6/1/93	Japan	H01L	23/50		
16	AP	5109975 Eng. Abs.	4/30/93	Japan	H01L	25/065		ĺ
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10	AA	5,432,729	7/11/95	Carson, et al	365	63		
100	AB	5,682,062	10/28/97	Gaul	257	686		
120	AC	5,721,452	2/24/98	Fogal, et al.	257	685		
10	AD	5,739,581	4/14/98	Chillara, et al.	257	668		
	AE	5,815,372	9/29/98	Gallas	361	760		
00	AF	5,872,025	2/16/99	Cronin, et al.	438	109		
	AG	5,886,412	3/23/99	Fogal, et al.	257	777		
D.	AH	Re. 36,613	3/14/00	Ball	257	777		
	AI	6,051,886	4/18/00	Fogal, et al.	257	777		<u></u>
4	AJ	6,057,598	5/2/00	Payne, et al.	257	723		
00	AK	5,861,666	1/19/99	Bellaar	257	686		-
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~		Document	Date	Country	Class	Subclass	Yes	No
Re	AL	61117858 Eng. Abs.	6/5/86	Japan	H01L	25/08		
Ri	AM	4028260 Eng. Abs.	1/30/92	Japan	H01L	25/065		
120	AN	4116859 Eng. Abs.	4/17/92	Japan	H01L	25/065		
Ta	AO	4096358 Eng. Abs.	3/27/92	Japan	H01L	25/065		
100	AP	5013665 Eng. Abs.	1/22/93	Japan	H01L	25/065		
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Initial	AA	5,165,067	11/17/92	Wakefield, et al.	257	783	п Аррго	priate
	AB	5,614,766	3/25/97	Takasu, et al.	257	777		
	AC	5,587,341	12/24/96	Masayuki, et al.	437	206		
7	AD	5,473,196	12/5/95	De Givry	257	786		
	AE	5,426,563	6/20/95	Moresco, et al.	361	689		
	AF	5,502,289	3/26/96	Takiar, et al.	174	266		
	AG	5,422,435	6/6/95	Takiar, et al.	174	52.4		
	AH	5,334,875	8/2/94	Sugano, et al.	257	686		
	AI	5,198,888	3/30/93	Sugano, et al.	257	686		
	AJ	5,793,108	8/11/98	Nakahishi, et al.	257	723		· · · · · · · · · · · · · · · · · · ·
199	AK	5,783,870	7/21/98	Mostafazadeh, et al.	257	791	 	
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	, AL	w/Eng. Abs.	12/21/72	Jupun	HOLE	23700		
Lo	AM	54-128274 w/Eng. Abs.	4/10/79	Japan	H01L	23/30		X
10	AN	1028856 w/Eng. Abs.	1/31/89	Japan	H01L	27/00		X
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100	AP	60182731 w/Eng. Abs.	9/18/85	Japan	H01L	21/60		X
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<u></u>	AA	Number 5,973,403	Date 10/26/99	Name Wark	257	777	If Appro	priate
,	AB	5,917,242	6/29/99	Ball	257	737		
1	AC	5,696,031	12/9/97	Wark	437	209		
ک	AD	5,637,912	6/10/97	Cockerill, et al.	257	620		
<u>. </u>	AE	5,637,536	6/10/97	Val	438	686		
	AF	<u> </u>	12/3/96		365	63		
<u> </u>		5,581,498		Ludwig, et al.				
<u></u>	AG	5,514,907	5/7/96	Moshayedi	257	723		
2	AH	5,495,398	2/27/96	Takiar, et al.	361	790		
<u> </u>	AI	5,495,394	2/27/96	Kornfeld, et al.	361	764	1	
	AJ	5,463,253	10/31/95	Waki, et al.	257	724		
	AK	5,012,323	4/30/91	Farnworth	357	75		
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9	AL	56062351 w/Eng. Abs.	5/28/81	Japan	H01L	25/04		X
)	AM	3169062 w/Eng. Abs.	7/23/91	Japan	H01L	25/065		X
	AN	10-256470	9/25/98	Japan	H01L	25/065	X	
	AO	1071162 A Eng. Abs	3/16/89	Japan	H01L	23/52		X
)	AP	5-75015 (A) Eng. Abs	3/26/93	Japan	H01L	25/065		X
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100	AA	4,996,587	2/26/91	Hinrichsmeyer, et al.	357	74		*
TO	AB	4,567,643	2/4/86	Droguet, et al.	29	575		
	AC	5,793,108	8/11/98	Nakanishi, et al.	257	723		
1200	AD	5,689,135	11/18/97	Ball	257	676		
100	AE	5,138,438	8/11/92	Masayuki, et al.	357	75		
The state of the s	AF	5,347,429	9/13/94	Kohno, et al.	361	813		
(100°	AG	6,080,264	6/27/00	Ball	156	292		
	AH	5,422,435	6/6/95	Takiar, et al.	174	52.4		
120	AI	5,569,625	10/29/96	Yoneda, et al.	29	827		
lo)	AJ	5,798,014	8/25/98	Weber	156	263		
	AK	5,885,849	3/23/99	DiStefano, et al.	438	108		
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Ha	AL	4-368167 w/Eng. Abs.	12/21/92	Japan	H01L	25/065		X
	AM	5-283601	10/29/93	Japan	H01L	23/52		X
Albi	AN	503 201 A2	12/20/91	EPO	H01L	23/495		
Re	AO	64001269 Eng. Abs.	1/5/89	Japan	H01L	25/04		
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